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(71) Applicant *(for all designated States except US)*: **TELEFONAKTIEBOLAGET L M ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MALOMSOKY, Szabolcs** [HU/HU]; Szechenyi-tér 31, 3. Em. 9, H-2000 Szentendre (HU). **NÁDAS, Szilveszter** [HU/HU]; Ifjúsági ltp. 15. 3/20, H-5400 Mezötúr (HU). **RÁCZ, Sándor** [HU/HU]; X. Kovago u. 6, H-1108 Budapest (HU).

(74) Agents: **HEDBERG, Åke** et al.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

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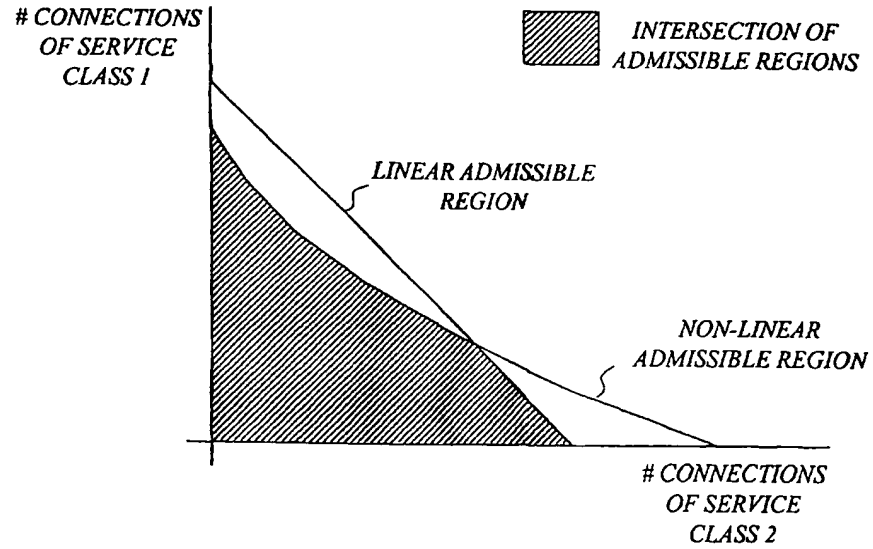
(54) Title: CONNECTION ADMISSION CONTROL IN PACKET-ORIENTED, MULTI-SERVICE NETWORKS



(57) Abstract: The present invention is generally based on the recognition that the true admissible regions for a multi-service traffic mix can be well approximated by a construction of a non-linerar admissible region and one or more linear admissible regions. This makes it possible to accurately control admission of a new connection onto a transport link by checking whether the multi-service traffic mix defined by previously admitted connections together with the new connection is contained within an intersection on a non-linear admissible region and at least one linear admissible region, and admitting the connection if the traffic mix is contained within the intersecton of regions.

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